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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/782,911 Confirmation No. 7534  
Applicant : Wolfgang Mailaender  
Filed : February 23, 2004  
TC/A.U. : 2832  
Examiner : Bernard Rojas  
  
Docket No. : R.304515  
Customer No. : 02119

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Date: October 22, 2004

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97(b),  
AND EXPLANATION OF THE RELEVANCE OF THE CITED PRIOR ART**

Sir:

The undersigned hereby requests that the prior art cited on the attached prior art statement be placed of record in the application file and considered by the examiner.

This citation of prior art is made under 37 CFR 1.97(b), since it is being filed before the mailing date of the first office action.

The relevance of the prior art cited on the attached form 1449 is as follows:

**US 3,079,947**

This patent teaches an electromagnetic fluid control valve for controlling the flow of fluid. The valve comprises a housing having an internal valve chamber through which fluid is adapted to flow and has a pair of filter chambers spaced from the valve chamber. The housing means also has an internal exhaust conduit in communication with the valve chamber and an internal inlet conduit. An internal outlet conduit terminates at respective filter chambers. The valve means are shiftable within said valve chamber to control the flow of fluid through it. Filter means disposed within the respective filter chamber intermediate the respective termini of the inlet and outlet conduits. Filter means are also disposed within the valve chamber for removing foreign matter from fluid passing along the inlet and outlet conduits in a direction toward the valve chamber.

**EP 1 225 380 A1**

This patent teaches a flow control valve capable of increasing a delivery flow rate gradually. The structure comprises a flowout port (26) to deliver a pressure fluid to the outside, a valve disc (3) having a pressing part (31) to arbitrarily open and close the flowout port, and a valve operating body (8) moving the pressing part of the valve disc. The structure is characterized such that when flow is delivered from the flowout port, the flat surface of the pressing part of the valve disc closing the flowout port is inclined by the delivered flow from the flowout port. The valve disc is formed by providing support plates (32) made of an elastic body, set 180 degrees apart from each other. The support plates are at the lower end of the pressing part into which a core (34) is fitted through the bottom opening of a generally

cylindrical packing (33). The pressing part and support plates are formed of elastic materials such as rubber. The width of the support plates should desirably be approximately the same as the outside diameter of the pressing part. In order to allow the flat surface of the pressing part to be inclined by delivered flow, the flowout port may be formed by shifting it from the center of the pressing part of the valve disc.

**DE 32 08 348 A1**

This patent teaches an electromagnet assembly which comprises a plurality of magnetic circuits (3, 4) combined as a unit in a single housing (2). The housing (2) and coil carriers (11, 12, 13, 14) are either manufactured integrally from sintered material or they comprise a single profiled body. Each magnetic circuit comprises the coil carriers (11-14), yokes (11'-14'), base plates (11"-14'') and sliding armatures (15-18) having valve-actuating push rods (25-28).

**GB 2 098 805 A**

This patent is in the same family as DE 32 08 348 A1 and is provided as an aid to the examiner.

**EP 1 251 052 A2**

This patent teaches a hydraulic braking pressure control unit including three or more hydraulic pressure control components (62, 64, 80, 82, 84, 86, 120, 122; 362, 364, 378, 380, 386, 388, 406, 410, 412, 414, 416). Also disclosed is a holder structure (150; 420) which holds those hydraulic pressure control components, wherein the three or more hydraulic pressure control components are selected from electromagnetically operated hydraulic

pressure control valves (64, 80, 82, 84, 86, 362, 364, 378, 380, 410, 412). These valves are capable of controlling the pressure of a working fluid in a brake cylinder (22, 24; 320-323) in a braking system. Pressure detecting devices (62, 120, 122; 386, 388, 406, 414, 416) are used to detect respective pressures of the fluid, to control the electromagnetically operated hydraulic pressure control valves. The three or more hydraulic pressure control components (62, 64, 80, 82, 84, 86, 120, 122; 362, 364, 378, 380, 386, 388, 406, 410, 412, 414, 416) which are attached to the holder structure (150; 420) such that one of the three hydraulic pressure control components is spaced from the other two hydraulic pressure control components by substantially the same distance.

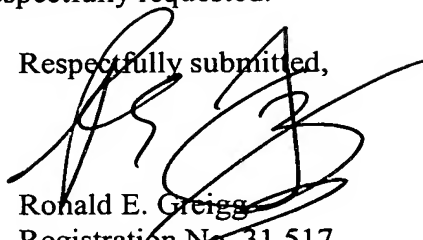
**DE 90 17 109**

This number was submitted to the undersigned as a citation in the corresponding German application. However, our client did not send a copy of the reference, and the undersigned has not been able to obtain a copy. Efforts will continue and as soon as a copy is obtained we will forward it to the PTO.

App. No. 10/782,911  
IDS filed October 22, 2004  
Prior to first Office Action

Examination of this application is respectfully requested.

Respectfully submitted,



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# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

R.304515

Application Number

10/782,911

Applicant(s)

Wolfgang Mailaender

Filing Date

02-23-2004

Group Art Unit

2832

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		3,079,947	03-05-1963	Nathan Hunt et al			

## U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
		EP 1 225 380 A1	07-24-2002	European			✓	
		DE 32 08 348 A1	12-09-1982	Germany			✓	
		GB 2 098 805 A	11-24-1982	Great Britain			✓	
		EP 1 251 052 A2	10-23-2002	European			✓	
		DE 90 17 109		Germany				✓

## OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.